

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chang et al. ) Group Art Unit: 1652  
Serial No: 09/551,380 ) Examiner: Christian L. Fronda  
Filed: April 18, 2000 ) Our Account No: 04-1403  
Confirmation No: 2514 ) Customer No: 22827  
Title: Modified Fluorescent Proteins For )  
Detecting Protease Activity )

Commissioner for Patents  
U.S. Patent and Trademark Office  
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Sir:

The following is a Supplemental Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

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- a.[x] A list of materials for consideration per Rule 98(a)(1): 3 page(s) citing 14 item(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):  
14 item(s) attached
- c.[ ] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: \_\_\_\_\_
- [ ] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[ ] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b.[x] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
- i.[ ] Certification per Rule 97(e); OR
- ii.[x] Filing Fee per Rule 17(p) .....\$180.00
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3.[ ] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

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- b.[ ] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

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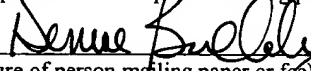
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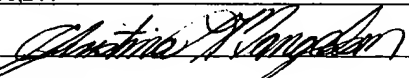
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(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets, if necessary)	Attorney Docket Number: MLY-5	Serial Number: 09/551,380
	Applicant: Chang et al.	
	Filing Date: April 18, 2000 Confirmation No: 2514	Group Art Unit: 1652

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:  
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 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER	ISSUE DATE	COPY NOTE

U.S. PATENT APPLICATION PUBLICATIONS				
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER	PUBLICATION DATE	COPY NOTE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
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\*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
	Abstract of Article – <i>Engineering green fluorescent protein for improved brightness, longer wavelengths and fluorescence resonance energy transfer</i> , R. Heim and T. Y. Tsien, Curr. Biol., February 1996, 1 page		

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	Article – <i>Detection of programmed cell death using fluorescence energy transfer</i> , Xiang Xu, Amy L. V. Gerard, Betty C. B. Huang, David C. Anderson, Donald G. Payan, and Ying Luo, <i>Nucleic Acids Research</i> , Vol. 26, No. 8, 1998, pp. 2034-2035		
	Article – <i>Dual Labeling Using ECFP &amp; EYFP in Standard Fluorescence Microscopy</i> , Brigitte Angres & Gisele Green, <i>CLONTECH</i> , April 1999, 2 pages		
	Article – <i>Understanding, improving and using green fluorescent proteins</i> , Andrew B. Cubitt, Roger Heim, Stephen R. Adams, Aileen E. Boyd, Larry A. Gross, and Roger Y. Tsien, <i>Techniques</i> , TIBS 20, November 1995, pp. 448-455		
	Product Information on ApoAlert™ Caspase Assay Kits from CLONTECH, 1 page		
	Product Information on Living Colors™ pEBFP-N1 & -C1 Vectors from CLONTECH, 2 pages		
	Query Result Browser on Green Fluorescent Protein from Protein Data Bank, 4 pages	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Blue Variant Of Green Fluorescent Protein by R. M. Wachter, and S. J. Remington from Protein Data Bank, Deposition Date: 04/09/1997	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Green Fluorescent Protein (Gfp) From <i>Aequorea Victoria</i> , Gln 80 Replaced With Arg by K. Brejc and T. Sixma from Protein Data Bank, Deposition Date: 01/08/1997	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Green Fluorescent Protein From <i>Aequorea Victoria</i> by M. Ormo and S. J. Remington from Protein Data Bank, Deposition Date: 08/01/1996	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Green Fluorescent Protein From <i>Aequorea Victoria</i> , Mutant by G. Palm, Z. Zdanov, and A. Wlodawer from Protein Data Bank, Deposition Date: 03/31/1997	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Green Fluorescent Protein Mutant F99S, M153T and V163A by R. Battistutta, A. Negro, and G. Zanotti from Protein Data Bank, Deposition Date: 02/09/1999	<a href="http://www.rcsb.org">www.rcsb.org</a>	
	Summary Information – Green Fluorescent Protein S65T At pH 4.6 by M. A. Elsiger, R. M. Wachter, K. Kallio, G. T. Hanson, and S. J. Remington from Protein Data Bank, Deposition Date: 08/21/1999	<a href="http://www.rcsb.org">www.rcsb.org</a>	

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	Summary Information – Structure Of Yellow-Emission Variant Of Gfp by R. M. Wachter, M.-A. Elsliger, K. Kallio, G. T. Hanson, and S. J. Remington from Protein Data Bank, Deposition Date: 08/28/1998	<a href="http://www.rcsb.org">www.rcsb.org</a>	
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